

Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 449142000120

Application Number 09/935,455

Applicant

Matthew O'KEEFE and Pamela K. FOREMAN

Filing Date August 22, 2001

~~Group Art Unit To Be Assigned~~ 1944Mailing Date Sept. 14, 2001

## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
WAB	1.	11/15/1983	4,415,732	Caruthers et al.			
	2.	07/03/1984	4,458,066	Caruthers et al.			
	3.	02/19/1985	4,500,707	Caruthers et al.			
	4.	08/29/1989	4,861,448	Cantor et al.			
	5.	11/27/1990	4,973,679	Caruthers et al.			
	6.	10/06/1992	5,153,319	Caruthers et al.			
	7.	06/01/1993	5,215,593	Nojo et al.			
	8.	03/01/1994	5,290,705	Davis			
	9.	08/29/1995	5,445,934	Fodor et al.			
	10.	04/23/1996	5,510,270	Fodor et al.			
	11.	02/04/1997	5,599,664	Schwartz			
	12.	02/25/1997	5,605,662	Heller et al.			
	13.	05/27/1997	5,632,957	Heller et al.			
	14.	04/28/1998	5,744,101	Fodor et al.			
	15.	06/30/1998	5,773,238	Shukla			
	16.	08/18/1998	5,795,748	Cottingham			
	17.	09/15/1998	5,807,522	Brown et al.			
	18.	11/24/1998	5,840,862	Bensimon et al.			
	19.	12/01/1998	5,843,767	Beattie			
	20.	01/05/1999	5,856,100	Hayashizaki			
	21.	03/30/1999	5,888,723	Sutton et al.			
	22.	07/27/1999	5,929,208	Heller et al.			
	23.	07/13/1999	5,922,604	Stapleton et al.			
	24.	09/21/1999	5,955,377	Maul et al.			
	25.	09/28/1999	5,958,345	Turner et al.			
WAB	26.	12/21/1999	6,004,744	Goelet et al.			

EXAMINER: W. R.DATE CONSIDERED: 10/3/01

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.



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Matthew O'KEEFE and Pamela K. FOREMAN

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~~Group Art Unit To Be Assigned~~ 1744Mailing Date Sept. 14, 2001

WAB	27.	02/22/2000	6,027,873	Schellenberger et al.	—	—	
WAB	28.	11/14/2000	6,147,198	Schwartz	—	—	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO	
WAB	29.	✓ 10/15/1998	WO 98/45406	WIPO	—	—		
	30.	✓ 10/22/1998	WO 98/47003	WIPO	—	—		
	31.	✓ 03/11/1999	WO 99/11373	WIPO	—	—		
	32.	✓ 04/22/1999	WO 99/19510	WIPO	—	—		
	33.	✓ 07/15/1999	WO 99/34920	WIPO	—	—		
	34.	✓ 09/23/1999	WO 99/47922	WIPO	—	—		
	35.	✓ 10/21/1999	WO 99/52560 A1	WIPO	—	—		
WAB	36.	✓ 09/28/2000	WO 00/56456	WIPO	—	—		

## OTHER DOCUMENTS

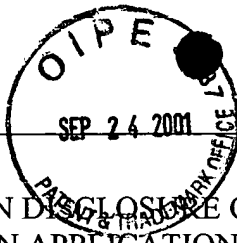
(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
WAB	37.	✓ Ausubel et al., (1987 and annual updates) <u>Current Protocols in Molecular Biology</u> , John Wiley & Sons, pp. iii-xii (Table of Contents).
	38.	✓ Birren et al. (eds) (1999) <u>Genome Analysis: A Laboratory Manual</u> , Cold Spring Harbor Laboratory Press, pp v-ix (Table of Content).
	39.	✓ Eckstein (ed.), (1991). <u>Oligonucleotides and Analogues: A Practical Approach</u> , IRL Press, pp. ix-xvii (Table of Contents).
	40.	✓ Erfle et al, (1997) "Simultaneous loading of 200 sample lanes for DNA sequencing on vertical and horizontal, standard and ultrathin gels," <u>Nucleic Acids Research</u> 25(11):2229-2230.
	41.	✓ Gait (ed.), (1984). <u>Oligonucleotide Synthesis: A Practical Approach</u> , IRL Press, pp. vii-xiii (Table of Contents).
	42.	✓ Maniatis et al. (eds) , (1982). <u>Molecular Cloning: A Laboratory Manual</u> , Cold Spring Harbor Laboratory Press, pp.v-x (Table of Contents).
	43.	✓ MacBeath and Schreiber, (2000). "Printing Proteins as Microarrays for High-Throughput Function Determination." <u>Science</u> , 289:1760-1763.
WAB	44.	✓ Sambrook et al. (eds), (1989). <u>Molecular Cloning: A Laboratory Manual</u> , Second Edition, Cold

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~~Group Art Unit To Be Assigned~~ 1744Mailing Date Sept. 14, 2001

		Spring Harbor Laboratory Press, pp. xi-xxxviii (Table of Contents).
WAS	45.	✓ Singh-Gasson et al. (1999). "Maskless fabrication of light-directed oligonucleotide microarrays using a digital micromirror array." <i>Nature Biotechnology</i> 17:974-978.
	46.	✓ Smith et al. (1996). "Dynamical Scaling of DNA Diffusion Coefficients." <i>Macromolecules</i> 29:1372-1373.
	47.	✓ Thorstenson et al. (2001) "Global analysis of ATM polymorphism reveals significant functional constraint," <i>American Journal of Human Genetics</i> 69:396-412.
	48.	✓ Vogelstein and Kinzler (1999). "Digital PCR," <i>Proc. Natl. Acad. Sci. USA</i> 96: 9236-9241.
	49.	✓ Wittwer et al. (1997). "Continuous Fluorescence Monitoring of Rapid Cycle DNA Amplification." <i>BioTechniques</i> 22:130-138.
WAS	50.	✓ Wittwer et al. (1997). "The LightCycler™: A Microvolume Multisample Fluorimeter with Rapid Temperature Control." <i>BioTechniques</i> 22:176-181.

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INFORMATION DISCLOSURE CITATION  
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Applicant

Matthew O'KEEFE and Pamela K. FOREMAN

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Group Art Unit 1743

Mailing Date January 18, 2002

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## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
WAB	1.	03/25/1975	3,873,268	McKie, Jr.	—	—	
WAB	2.	02/08/1994	5,284,753	Goodwin, Jr.	—	—	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
WAB	3.	Anonymous, (2001). "The Living Chip-Automated Microarray Technology For Homogeneous and Inhomogeneous Bioassays" sponsored by BioTrove, Inc. at <a href="http://www.nist.gov/public_affairs/atp2000/00004362.htm">http://www.nist.gov/public_affairs/atp2000/00004362.htm</a> (visited on June 6, 2001), 2 pages.

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